

N. Sammamish Area

Basin Areas: 615 Total Acres

City 615 Acres

Drainage Jurisdictions: Bellevue

% Impervious 33%

Basin Relief 270 ft

Basin Energy 0.2

Basin Length mi

Average Basin Width mi

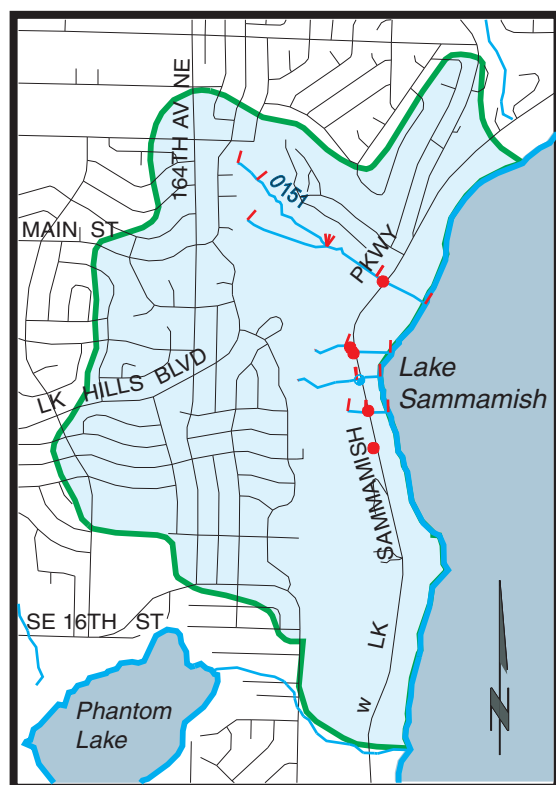
Total Length of Open Channel 5,399 ft

Lake Sammamish Watershed

City Basin Population (2000): 2,438

Land Use Within the City Area

Single family residential	58%
Multi-family residential	4%
Commercial/Office	0%
Industrial	0%
Institutional/Government	2%
Open Space/Park	18%
Mixed use/Misc.	0%
Public streets	18%



SCALE 1" = 2400'

Fish Use: No fish were observed in the four streams in this basin. Hydrology and steep gradients are limiting factors. The northernmost stream (08-0151) had the most significant flow of the group. Nevertheless, upstream of West Lake Sammamish Parkway, the largest pools were only two inches deep. The outflow from a small sediment catch basin into the culvert under West Lake Sammamish Parkway constitutes a 5-foot fish barrier. Downstream of the culvert, the stream flows through an elaborate residential landscape with artificial pools and shallow concrete channels. The outfall into Lake Sammamish, a long, steep concrete culvert, represents a significant fish barrier.

The other three streams have essentially the same features, each less than two inches deep and featuring significant fish barriers as they flow below West Lake Sammamish Parkway. Encroaching vegetation within the channels has caused organic substrates to accumulate, and emergent vegetation thrives in places. Each of these channels is no more than one to two feet wide at bank-full width upstream of West Lake Sammamish Parkway.